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Sheet 1 of 1

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

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Application Number	10/701,955
Filing Date	November 5, 2003
First Named Inventor	Vikram Chalana
Art Unit	3732
Examiner Name	-
Attorney Docket No.	DXUC-1-1020
	Application Number Filing Date First Named Inventor Art Unit Examiner Name

Examiner No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of Initials*  No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  BIRNHOLZ et al., "AMNIOTIC FLUID ACCUMULATION IN THE FIRST TRIMESTER," J. Ultrasound Med., 14:597-602 (1995); American Institute of Ultrasound in Medicine, Illinois  OHASHI et al., "BOUNDARY ESTIMATION FOR ULTRASONIC 3-D IMAGING," Spie, 1898:480-486 (1993); Image Processing, Keio University, Japan			
FIRST TRIMESTER," J. Ultrasound Med., 14:597-602 (1995); American Institute of Ultrasound in Medicine, Illinois  OHASHI et al., "BOUNDARY ESTIMATION FOR ULTRASONIC 3-D IMAGING," Spie,		the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T²
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Substitute for form 1449/PTO	Application Number	10/701,955
INFORMATION DISCLOSURE	Filing Date	November 5, 2003
STATEMENT BY APPLICANT	First Named Inventor	Vikram Chalana
(Use as many sheets as necessary)	Art Unit	3732
	Examiner Name	••
Sheet 1 of 4	Attorney Docket No.	DXUC-1-1020

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
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STATEMENT BY APPLICANT	First Named Inventor	Vikram Chalana
(Use as many sheets as necessary)	Art Unit	3732
	Examiner Name	••
Sheet 2 of 4	Attorney Docket No.	DXUC-1-1020

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Substitute for form 1449/PTO	Application Number	10/701,955
INFORMATION DISCLOSURE	Filing Date	November 5, 2003
STATEMENT BY APPLICANT (Use as many sheets as necessary)	First Named Inventor	Vikram Chalana
	Art Unit	3732
	Examiner Name	••
Sheet 3 of 4	Attorney Docket No.	DXUC-1-1020

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AS.	/	SCHRIMMER et al., "Sonographic Evaluation of Amniotic Fluid Volume," (2002) 45:4, 1026-1038, Clinical Obstetrics and Gynecology, Lippincott Williams & Wilkins, Inc., University of California, San Diego	
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Substitute	e for form 1449A/	'PTO		Comple	lete if Known
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	U.S. PATENT DOCUMENTS										
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Substitute	far form 1449A	/PTO		Compl	ete if Known
				Application Number	10/701,955
INFO	RMATIO	N DISC	LOSURE	Filing Date	November 5, 2003
STAT	EMENT	BY AP	PLICANT	First Named Inventor	Chalana, Vikram
				Art Unit	3732
(L	ise as many s	sheets as ned	essary)	Examiner Name	
Sheet	1	of	2	Attomey Docket Number	DXUC-1-1020

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials	Cite No. 1	Document Number  Number- Kind Code 2 (If known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1.2	1	US- 5,575,286	11-19-1996	Weng et al.	
1	2	US- 5,060,515	10-29-1991	Kanda et al.	
12.0	. 3	US- 4,431,007	2-14-1984	Amazeen et al.	
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	FOREIGN PATENT DOCUMENTS										
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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Eite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
18	1	E.F. MAGANN et al., Uthrasound estimation of Amniotic Fluid Volume Using the Largest Vertical Pocket Containing Umbilical Cord: Measure to or Through the Cord?, Ultrasound Obstet Gynecol 2002; 20: 464-467	
	2	GRAMELLINI et al., Sonographic Assessment of Amniotic Fluid Volume Between 11 and 24 Weeks of Gestation: Construction of Reference intervals Related to Gestational Age, Ultrasound Obstet Gyaerol 2001: 17: 410-415	
	3	MANN et al., Novel Technique for Assessing Amniotic Fluid Volume Use of a Three-Dimensional Bladder Scanner, The journal of Maternal-Fetal Medicine 9:308-310 (2000)	
1		GROVER et al., Three-Dimensional Method for Determination of Amniotic Fluid Volume in Intrauterine Pockets, Obstetrics and Gynecology 1997; 90, No. 6: 1007-1010	
V	5	CHENG et al., Boundary Extraction Method for Three Dimensional Ultrasonic Echo Imaging Using Fuzzy and Relaxation Techniques, TNE 1993 IEEE, Nuclear Science Symposium: Medical Imaging 10/30-11/06/93:-PT 3, 1610-1614.	/
V	6	ROSS, Michael G., Am J. Obstet Gynecol August 1993: Val 169, No. 2: 435-437.	
28	7	BESL et al., A Method for Registration of 3-D Shapes, IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 14, No. 2, February 1992.	
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Date Examiner Signature

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